

# GRADUATE EDUCATION ALIGNMENT TO NAVAL STRATEGIC GOALS

## Sea Trial

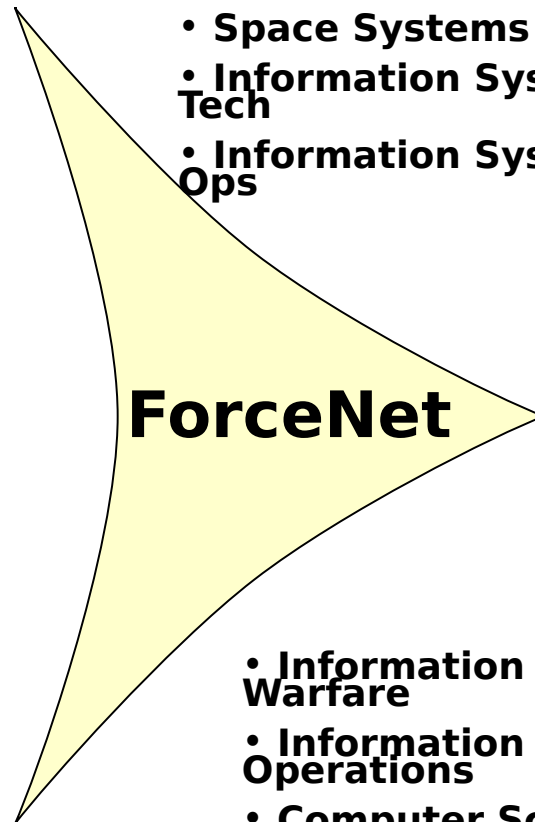
- Operations Analysis
- MOVES

## Sea Warrior

- Manpower Analysis
- Human Systems

## Sea Enterprise

- Logistics
- Transportation
- Acquisition
- Contract Management
- Financial Management



- Electronic Warfare
- Space Systems
- Information Systems Tech
- Information Systems & Ops

- Information Warfare
- Information Operations
- Computer Science
- Electronic Systems

Note: Not All-Inclusive As Many Curricula Support Various Aspects of Sea Power 21

## Sea Strike

- Naval Engineering
- METOC
- National Security Studies
- Defense Analysis
- Aero Space Engineering

## Sea Basing

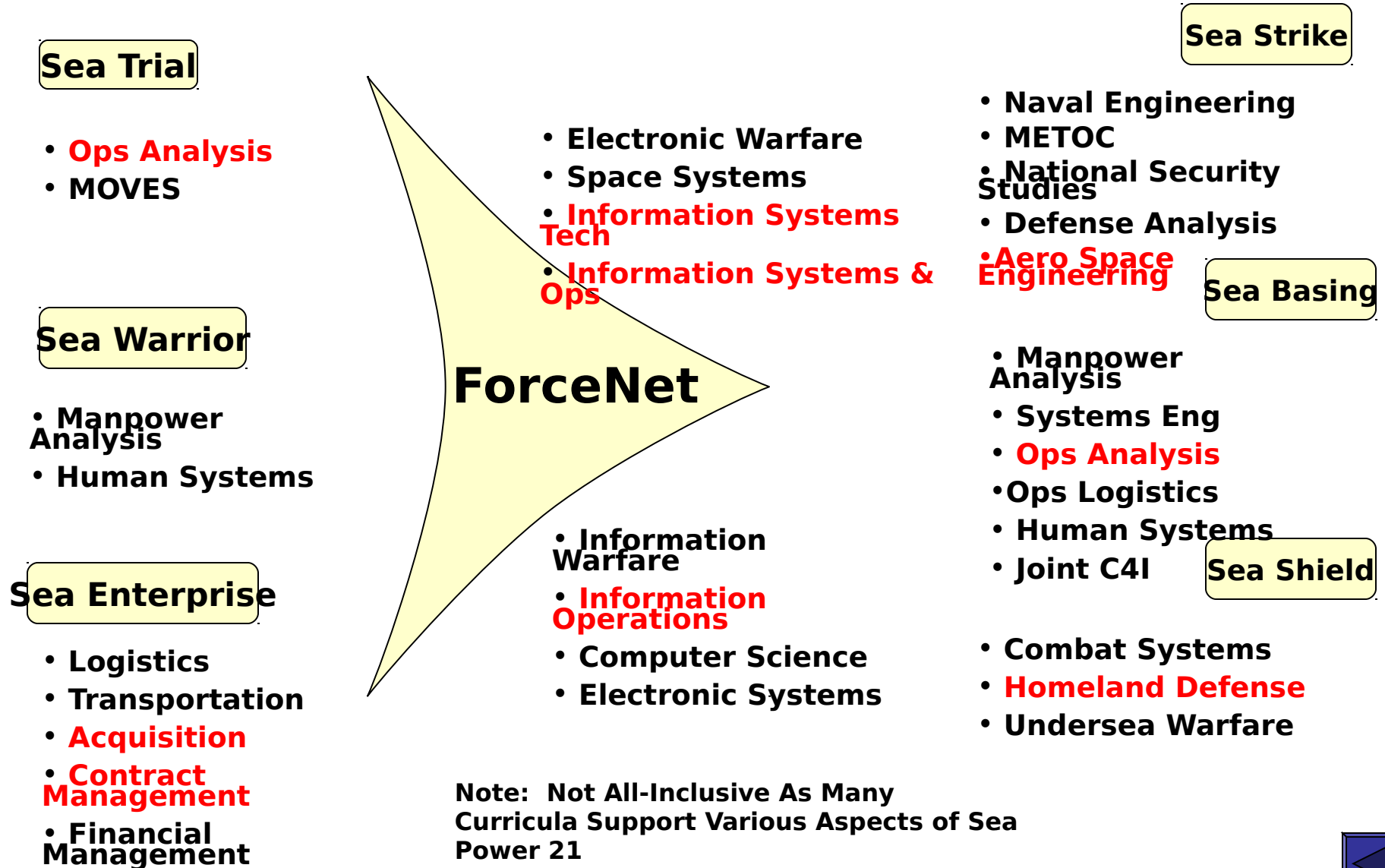
- Manpower Analysis
- Systems Eng
- Ops Analysis
- Ops Logistics
- Human Systems
- Joint C4I

## Sea Shield

- Combat Systems
- Homeland Defense
- Undersea Warfare



# DISTRIBUTED EDUCATION ALIGNMENT TO NAVAL STRATEGIC GOALS



# RESEARCH ALIGNMENT TO NAVAL STRATEGIC GOALS

## Sea Trial

- FBEs
- LOEs
- UAVs
- AUVs
- JFCOM-JOTBS
- Institute Project Direction

from CFFC

## Sea Warrior

- Continuous Education
- Enhanced Recruiting Methods and Tools
- Augmented Cognition
- Human Computer Interface

## Sea Enterprise

- Refine Requirements
- Executive Education
- Mishap Reduction

- Data Fusion
- Data Mining
- Advanced Wireless Devices
- COMS, Space COMS
- Network Architecture

## ForceNet

- Information Security
- Information Operations
- Sensor Grids
- NFN/JFN
- SIGINT
- M & S
- War Games

## Sea Strike

- Integrated national, theater, and force sensors
- Knowledge-enhancement systems
- Unmanned combat vehicles
- Rail guns
- Cooperative Engagement
- Hyper-spectral imaging
- Weaponneering
- High Speed Strike

## Sea Basing

- Enhanced, Integrated Joint C2
- Precision Delivery
- Sea/littoral control
- Homeland defense
- Systems Engineering
- Reduced Manning

## Sea Shield

- Organic mine countermeasures
- Adv hull forms & modular payloads
- Directed energy weapons
- Autonomous unmanned vehicles
- Common undersea picture
- Single integrated air picture
- Theater Missile Defense
- Logistics
- Maritime Awareness
- C2
- ASW
- Homeland Defense
- Asymmetric Warfare
- Force Protection
- Combat Survivability



# National Strategic Framework for the GWOT

## Ends

### National Strategic Aims:

- *Defeat violent extremism as a threat to our way of life as a free and open society, and*
- *Create a global environment inhospitable to violent extremists and all who support them*

Protect the  
Homeland

Disrupt and Attack  
Terrorist Networks

Counter  
Ideological Support  
Terrorism

***Continue to lead a broad international effort to deny terrorist networks the resources they need to operate and survive.***

## Ways

Expand foreign partnerships and partnership capacity

Prevent terrorist use of WMD

Institutionalize the GWOT domestically and internationally

## Means

**Instruments of National power**

# GWOT

## **National Strategic Aims:**

**Ends** *Defeat violent extremism as a threat to our way of life as a free and open society, and  
Create a global environment inhospitable to violent extremists and all who support them*

*Leadership Finance Intelligence Weapons*  
**Enemy**  
*Safe havens Communications Movement Personnel Ideology*

**Protect the  
Homeland**

**Disrupt and Attack  
Terrorist Networks**

**Counter  
Ideological Support  
for Terrorism**

***Deny terrorists the resources they need to operate and survive***

***Enable partner nations to counter terrorism.  
Deny WMD/E proliferation, recover and eliminate  
uncontrolled materials, and maintain capacity for  
consequence mgmt.***

***Defeat terrorists and their organizations.  
Counter states and non-states support for terrorism in  
coordination with other U.S. Government agencies and partner  
nations  
contribute to the establishment of conditions that counter  
ideological  
support for terrorism***

**Military Strategic  
Objectives**

**Means**  
**Combatant Commands, Services, and Combat Support  
Agencies**

# FY06 NPS Legislative Approvals

## Relating to NPS (U.S. Code Title 10)

**Sec. 523: Revision to mission** of the Naval Postgraduate School: amended by striking “and technical education of students” and inserting “and professional and technical education of students and the provision of research opportunities for students”.

**Sec. 524: Modification of Eligibility for Position of President** of the Naval Postgraduate School: the President shall be either an Officer in the grade not below the grade of captain or a civilian individual having qualifications appropriate to the position of President of the NPS who is assigned to such position; shall serve in that position for a term of not more than five years and may be reassigned to that position for an additional term of up to five years. Qualifications include a doctorate degree in a field of study relevant to the mission and function of the Naval Postgraduate School, in the case of a civilian, or a doctorate or master’s degree in such a field of study, in the case of an officer of the Navy; comprehensive understanding of the Navy, DoD and joint and combined operations; leadership experience at the senior level in a large and diverse organization; demonstrated ability to foster and encourage a program of research in order to sustain academic excellence.

# FY06 NPS Legislative Approvals

## Relating to NPS (U.S. Code Title 10)

**Sec. 525: Increased Enrollment for eligible Defense Industry Employees** in the Defense Product Development Program at NPS: amended by inserting “and systems engineering” after “curriculum related to defense product development”; and by striking “10” and inserting “25”.

**Sec. 526: Instruction for Enlisted Personnel by the NPS:** Expanded eligibility to permit an eligible enlisted member of the Navy or Marine Corps to receive instruction from NPS in certificate programs and courses required for the performance of a member's duties. Limitation on Degree Awards: the Secretary may not award a baccalaureate, masters or doctorate degree to an enlisted member based upon instruction received at NPS. SECNAV shall submit a report on the plans, if any, of the Secretary, and the rationale for those plans, for a program to provide enlisted members of the Navy with opportunities to pursue graduate degree programs either through Navy schools or paid for by the Navy in return for additional service obligation.